

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2005-151907

(43)Date of publication of application : 16.06.2005

(51)Int.Cl.

C12N 5/10
A01K 67/027
C12N 5/06

(21)Application number : 2003-397524

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(22)Date of filing : 27.11.2003

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(54) HUMAN STEM CELL DERIVED FROM PLACENTA OR AMNION AND METHOD FOR ESTABLISHING THE SAME AND METHOD FOR DIFFERENTIATION-INDUCTION TO ORGAN

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a human stem cell enabling passage (≥ 30 times) having sufficient number of times as a stem cell from human placenta or amnion treated as a waste when delivered.

SOLUTION: The human stem cell has the following cell biological characteristics. (1) The stem cell is derived from placenta or amnion. (2) The stem cell has a karyotype of normal diploid. (3) The stem cell continues proliferation in an undifferentiated state. (4) Alkaline phosphatase activity is positive. (5) The stem cell expresses transcription factors Rex-1, Oct-4 and Ecot-4. (6) The stem cell enables passage of ≥ 30 times while keeping multipotency.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

ATTORNEY DOCKET NUMBER: 9516-101-999

SERIAL NUMBER: 10/074,976

REFERENCE: B03